salt nitrate, a dried, hydrated nitrate, an alkali metal chlorate, an alkali metal perchlorate, an alkaline earth metal chlorate, an alkaline earth metal perchlorate, ammonium perchlorate, sodium nitrite, potassium nitrite, silver nitrite, a complex salt nitrite, a solid organic nitrate, and a solid organic nitrite, [and a solid organic amine,] and

the metal fuel is selected from the group consisting of molybdenum, calcium, strontium, barium, titanium, zirconium, vanadium, niobium, tantalum, chromium, tungsten, manganese, iron, cobalt, nickel, copper, zinc, cadmium, tin, antimony, bismuth, aluminum, silicon, and mixtures thereof, wherein

the oxidizer composition has at least one of a crystalline phase transition, a melting point, a eutectic point, or peritectic point at a temperature of no more than about 250°C, and wherein the metal fuel is present in an amount at least sufficient to provide a substantially stoichiometric mixture of metal fuel and oxidizer, and the metal fuel and oxidizer are [present in amounts sufficient, and are] sufficiently intimately mixed to ensure a sufficient degree of contact in the composition between the oxidizer and the metal fuel to provide an autoignition composition having an autoignition temperature of no more than about 232°C.

13. (amended) The low temperature autoignition composition of claim 1, wherein the oxidizer comprises a mixture of silver nitrate and a solid organic nitrate, or solid organic nitrite[, or solid organic amine].

26. (amended) A low temperature autoignition composition for safely initiating combustion of a main pyrotechnic charge in a gas generator or pyrotechnic device exposed to flame or a high temperature environment comprising:

a mixture of an oxidizer composition and a powdered metal fuel, wherein the oxidizer composition comprises a mixture or a comelt comprising silver nitrate and at least one additional component selected from the group consisting of an alkali metal nitrate, an alkaline earth metal nitrate, a complex salt nitrate, a dried, hydrated nitrate, silver nitrate, an alkali metal chlorate, an alkali metal perchlorate, an alkaline earth metal chlorate, an alkaline earth metal perchlorate, ammonium

perchlorate, sodium nitrite, potassium nitrite, silver nitrite, a complex salt nitrite, a solid organic nitrate, and a solid organic nitrite, [and a solid organic amine], wherein the metal fuel is present in an amount at least sufficient to provide a substantially stoichiometric mixture of metal fuel and oxidizer, and the metal fuel and oxidizer are sufficiently intimately mixed to ensure a sufficient degree of contact in the composition between the oxidizer and the metal fuel to provide an autoignition composition having an autoignition temperature of no more than about 232°C.

29. (amended) The low temperature autoignition composition of claim 27, wherein [the metal fuel is present in an amount at least sufficient to provide a substantially stoichiometric mixture of metal fuel and oxidizer] the fuel comprises molybdenum and the oxidizer comprises a mixture of silver nitrate, potassium nitrate, and guanidine nitrate.

Add the following new claims:

30. (new) The low temperature autoignition composition of claim 1, further consisting essentially of a solid organic amine.

31. (new) The low temperature autoignition composition of claim 13, further consisting essentially of a solid organic amine.

32. (new) The low temperature autoignition composition of claim 26, further comprising a solid organic amine.

REMARKS

Claims 1, 2, and 4 to 29, and new claims 30 to 32 appear in this application for the Examiner's review and consideration. The new claims are directed to preferred embodiments of the invention. The new claims and the amendments are fully supported by the specification and the claims as originally filed. Therefore, there is no issue of new matter.

Before specifically addressing the prior art rejections set forth by the